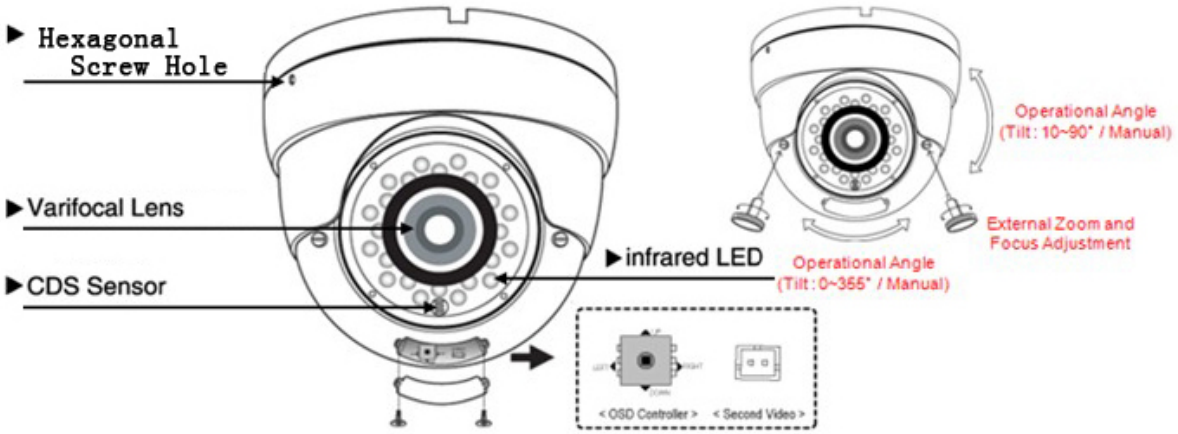
Genie
HD CCTV

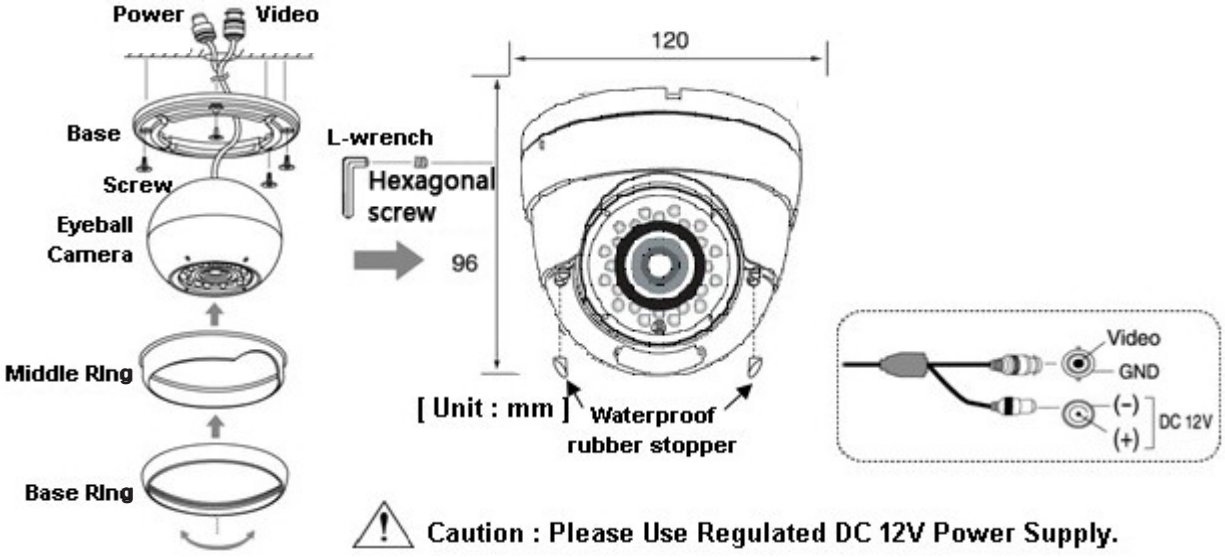
HDED2812IR
HDED2812IRW

HD-SDI Eyeball Dome Camera
User Manual

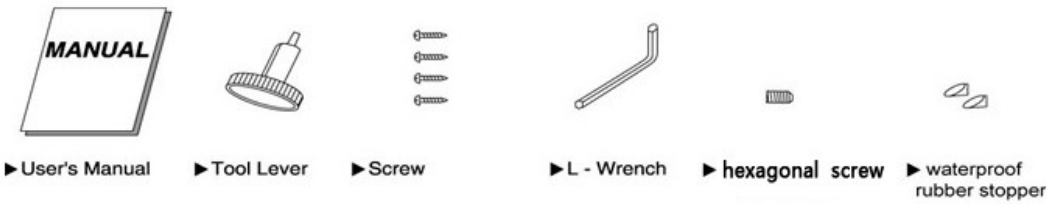
Getting To Know The Camera



Mounting

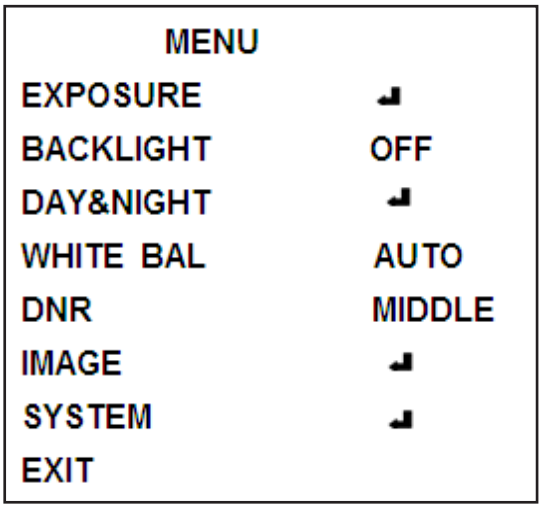


Contents

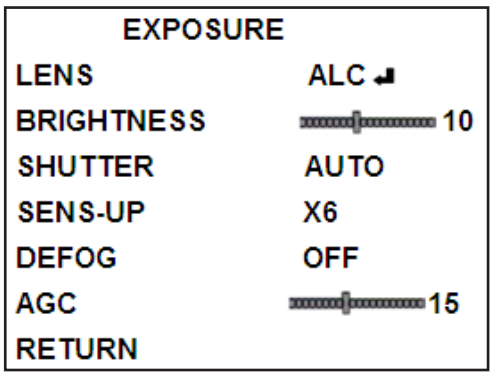


OSD Menu Function

To access the OSD Menu, press the SET button and the SET UP menu appears as shown on the screen.
Move the arrow to select functions by using the UP/DOWN & LEFT/RIGHT buttons.

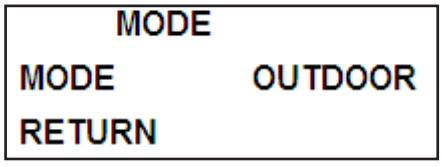


1.0 EXPOSURE: ↵



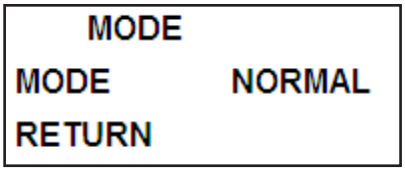
LENS: ALC ↵ / ELC ↵
BRIGHTNESS: 0~20
SHUTTER: AUTO / FLICKER / MANUAL ↵
SENS-UP: X2 / X3 / X4 / X5 / X6 / X7 / X8 / OFF
DEFOG: OFF / ON ↵
AGC: 0~20
RETURN

1.1 LENS: ALC ↵



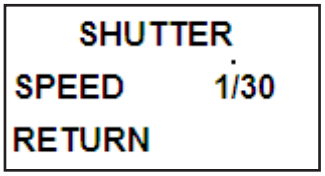
MODE: OUTDOOR / INDOOR / DEBLUR
RETURN

1.2 LENS: ELC ↵



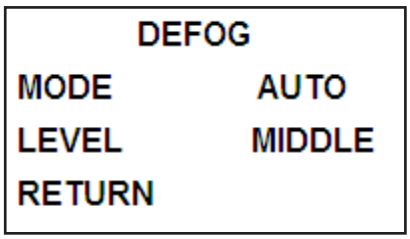
MODE: NORMAL / DEBLUR
RETURN

1.3 SHUTTER: MANUAL ↵



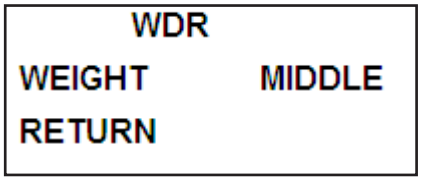
SPEED: 1/30 / 1/60 / 1/120 / 1/240 / 1/500 / 1/1000/ 1/2000 / 1/4000 / 1/8000 / 1/16000 / 1/30000 / 1/60000
RETURN

1.4 DEFOG: ON ↵



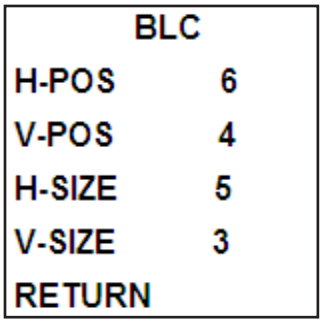
MODE: AUTO / MANUAL
LEVEL: MIDDLE / LOW / HIGH
RETURN

2.0 BACKLIGHT: OFF / WDR ↵ / BLC ↵ / HLC ↵



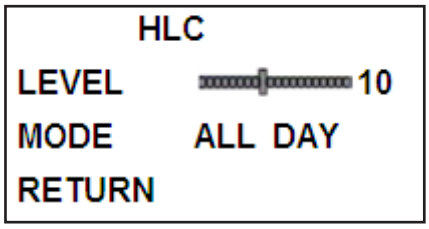
WEIGHT: MIDDLE / LOW / HIGH
RETURN

2.1 BLC: ↵



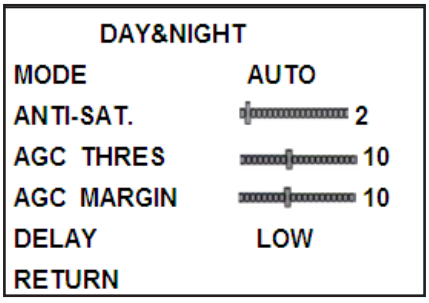
H-POS: 0~20
V-POS: 0~20
H-SIZE: 0~20
V-SIZE: 0~20
RETURN

2.2 HLC: ↵



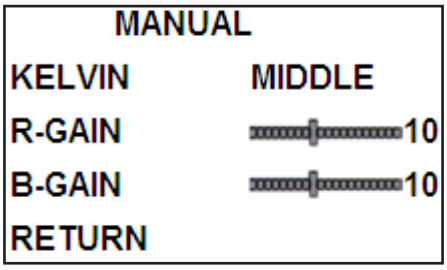
LEVEL: 0~20
MODE: ALL DAY / NIGHT ONLY
RETURN

3.0 DAY&NIGHT: ↵



MODE: B&W / COLOR / AUTO / EXTERN
ANTI-SAT.: 0~20
AGC THRES: 0~20
AGC MARGIN: 0~20
DELAY: LOW / MIDDLE / HIGH
RETURN

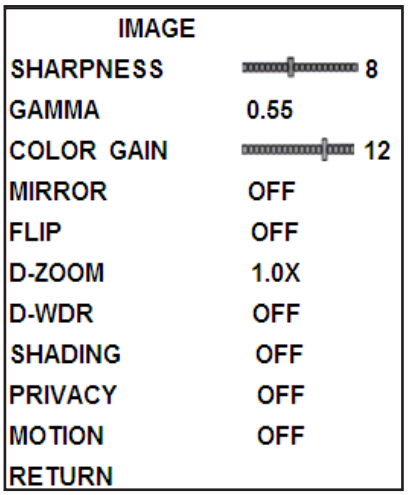
4.0 WHITE BAL: AUTO / MANUAL ↵ / PRESET / AUTOext



KELVIN: MIDDLE / LOW / HIGH
R-GAIN: 0~20
B-GAIN: 0~20
RETURN

5.0 DNR: MIDDLE / LOW / OFF / HIGH

6.0 IMAGE: ↵



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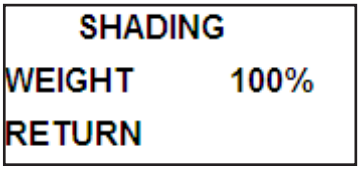
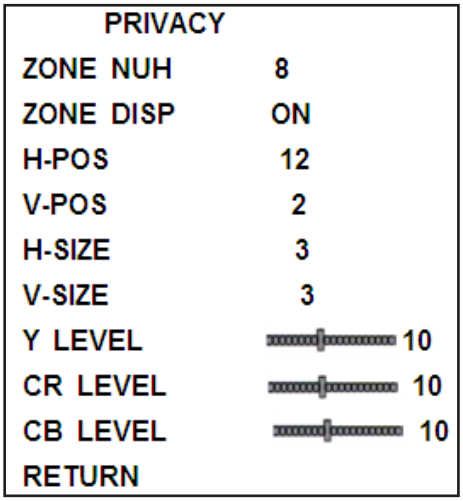
6.1 SHADING: ON ↵



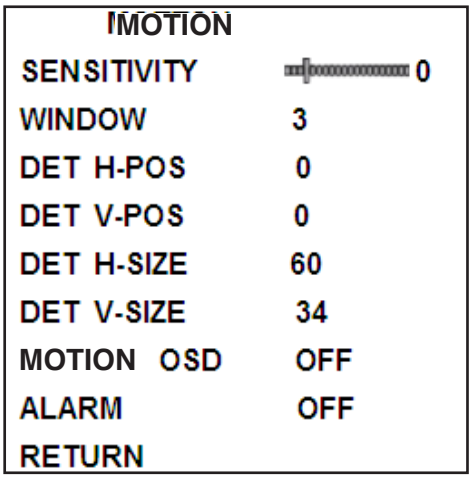
WEIGHT: 1%~100%
RETURN

6.2 PRIYACY: ON ↵



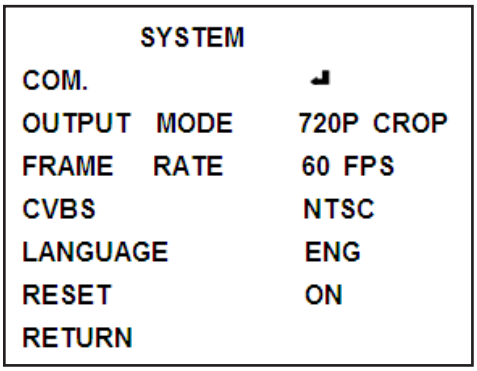
ZONE NUH: 0~5
ZONE DISP: ON / OFF
H-POS: 0~60
V-POS: 0~40
H-SIZE: 0~40
V-SIZE: 0~40
Y LEVEL: 0~20
CR LEVEL: 0~20
CB LEVEL: 0~20
RETURN

6.3 MOTION: ON ↵



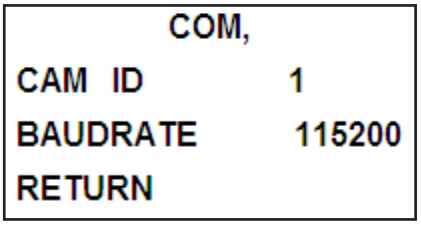
SENSITIVITY: 0~20
WINDOW: 0~6
DET H-POS: 0~60
DET V-POS: 0~40
DET H-SIZE: 0~60
DET V-SIZE: 0~40
MOTION OSD: OFF / ON
ALARM: OFF / ON
RETURN

7.0 SYSTEM: ↵



COM: ↵
OUTPUT MODE: 1080P / 720P / 720P CROP
FRAME RATE: 30 FPS / 25 FPS / 50 FPS / 60FPS
CVBS: PAL / NTSC
LANGUAGE: ENG / CHN / ITA / GER / FRA / SPA / HOL / JPN
RESET: ON
RETURN

8.0 COM: ↵



CAM ID: 0~255
BAUDRATE: 115200 / 9600 / 4800 / 2400
RETURN

8.1 EXIT

Specification

Model Number	HDED2812IR	HDED2812IRW
Image Sensor	1/3” Panasonic 2MP CMOS	
Lens	2.8 - 12mm 3MP DC Lens	
Minimum Illumination	Colour: 1.0 Lux, B&W: 0.5 Lux, Colour DSS: 0.002 Lux, B&W DSS: 0.001 Lux	
S/N Ratio	More Than 50dB (AGC Off)	
Shutter Speed	N: 1/30 ~ 1/60000 Sec, P: 1/25 ~ 1/60000 Sec	
CVBS	PAL	
Sensitivity	0 ~ 20 Steps	
Sharpness	0 ~ 10 Steps	
White Balance	AUTO / MANUAL / PRESET / AUTOext	
ALC	OUTDOOR / INDOOR / DEBLUR	
DNR	MIDDLE / LOW / OFF / HIGH	
Defog	OFF / ON	
Delay	LOW / MIDDLE / HIGH	
Sync. System	Internal / External (V-Lock)	
Resolution	1080p / 720p	
Exposure	AUTO / MANUAL	
Digital Slow Shutter	OFF / MAX. x2 ~ x8	
Lens Control	ALC / ELC	
Privacy	Day & Night	
Shutter	AUTO / MANUAL	
Sens-Up	OFF / x2 ~ x8	
Flip	ON / OFF	
Mirror	ON / OFF	
Gamma	0.55 / 0.6 / 0.65 / 0.45 / 0.5	
Image Range	FULL / COMP / USER	
DIS	OFF / ON	
System	COM / IMAGE RANGE / OUTPUT MODE / FRAME RATE / CVBS / LANGUAGE / RESET	
Setup Status	Setup Status List	
IR-Cut Filter	Available	
IR Range	25 - 35m (In Ideal Conditions)	
LED Quantity	36 Pcs	
Phase	N: 0 ~ 131 Steps, P: 0 ~ 156 Steps	
Defect Detection	One Push	
Baudrate	115200 / 9600 / 4800 / 2400	
Display Settings	ID / Title / Zoom Ratio	
OSD Text	0 ~ 9, A ~ Z, a ~ z	
Language	ENG / CHN / ITA / GER / FRA / SPA / HOL / JPN	
Power Consumption	DC12V / MAX: 240mA	
IP Rating	IP66	
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 0 ~ 86 % (Non-Condensing)	
Storage Temperature	-20°C ~ +60°C	
Dimensions (W x D)	120 x 120 x 96mm	
Weight	800g	

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